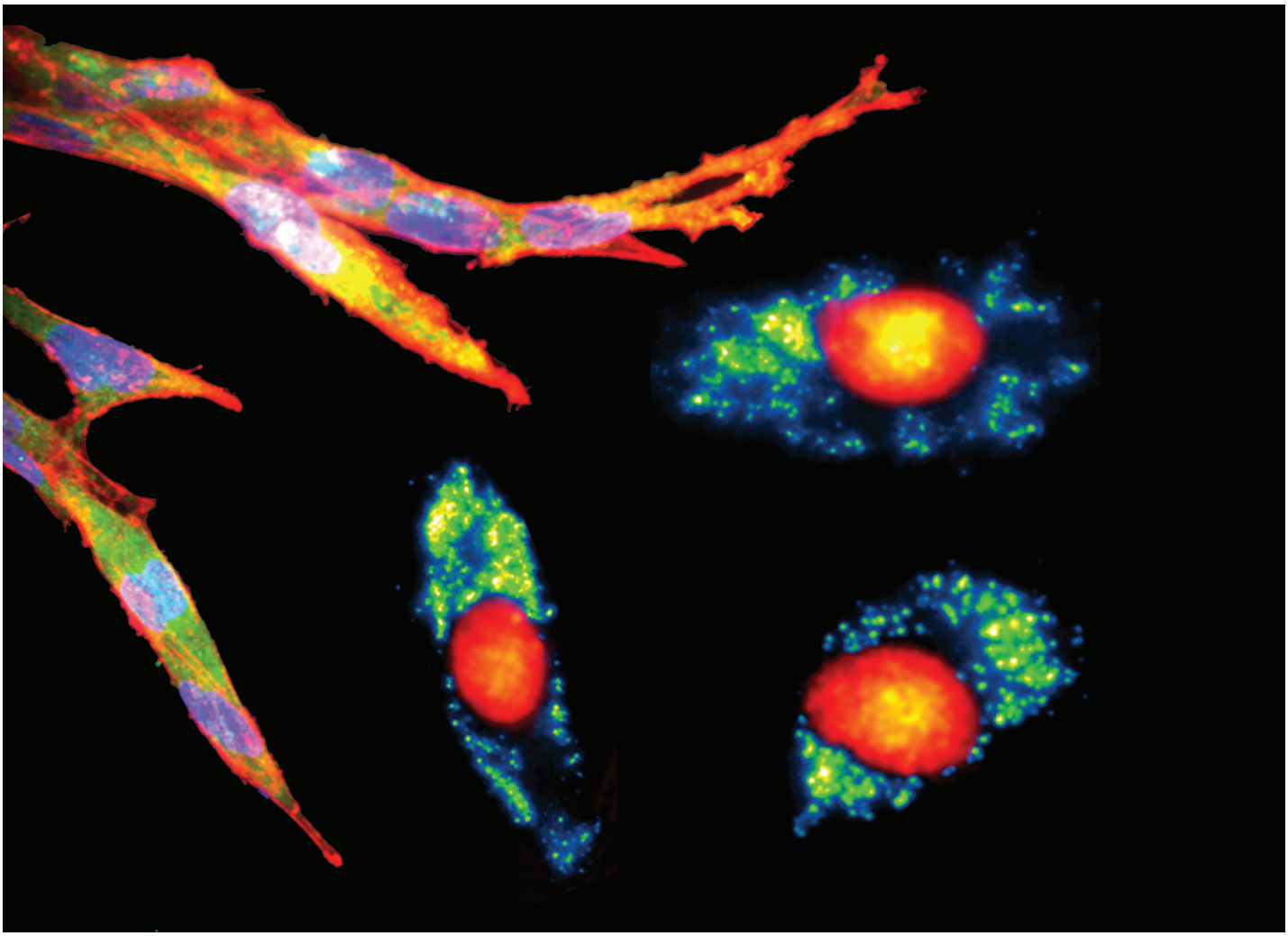

Featuring work from the Department of Mechanical Engineering, Prof. Jianping Fu and Prof. Allen Liu, University of Michigan. Fu lab specializes in mechanobiology and biomimetic tools, Liu lab focuses on mechanotransduction and synthetic biology.

The role of Notch signaling in regulating angiogenic morphogenesis was investigated using a microengineered biomimetic system and a GNR-LNA nanobiosensor. Inhibition of Notch signaling resulted in overexpression of Dll4 mRNA in tip cells and hyper-sprouting endothelial structures.

Notch signaling in regulating angiogenesis in a 3D biomimetic environment

As featured in:

See Allen P. Liu, Jianping Fu *et al.*, *Lab Chip*, 2017, **17**, 1948.

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